

Fig. 1

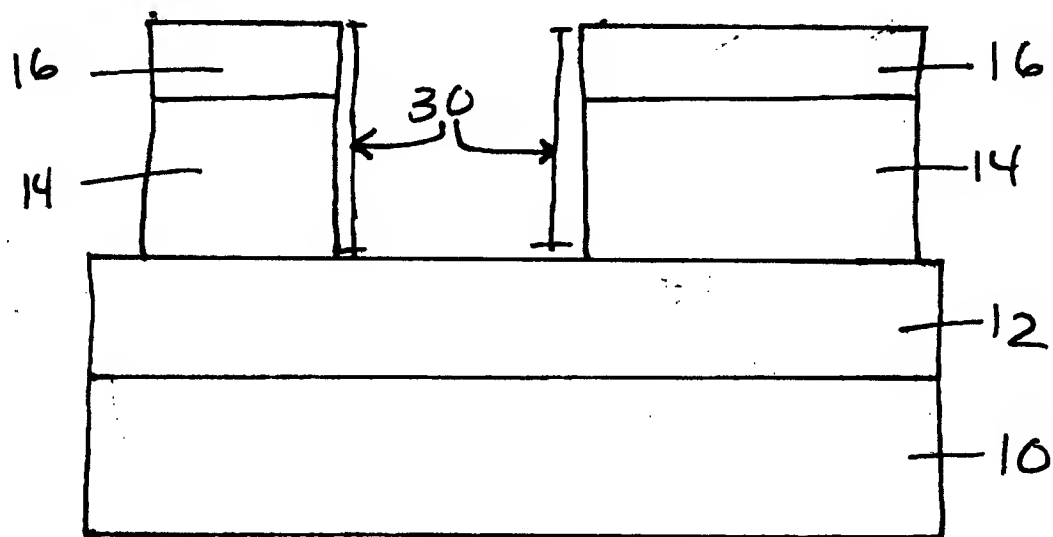


Fig. 2

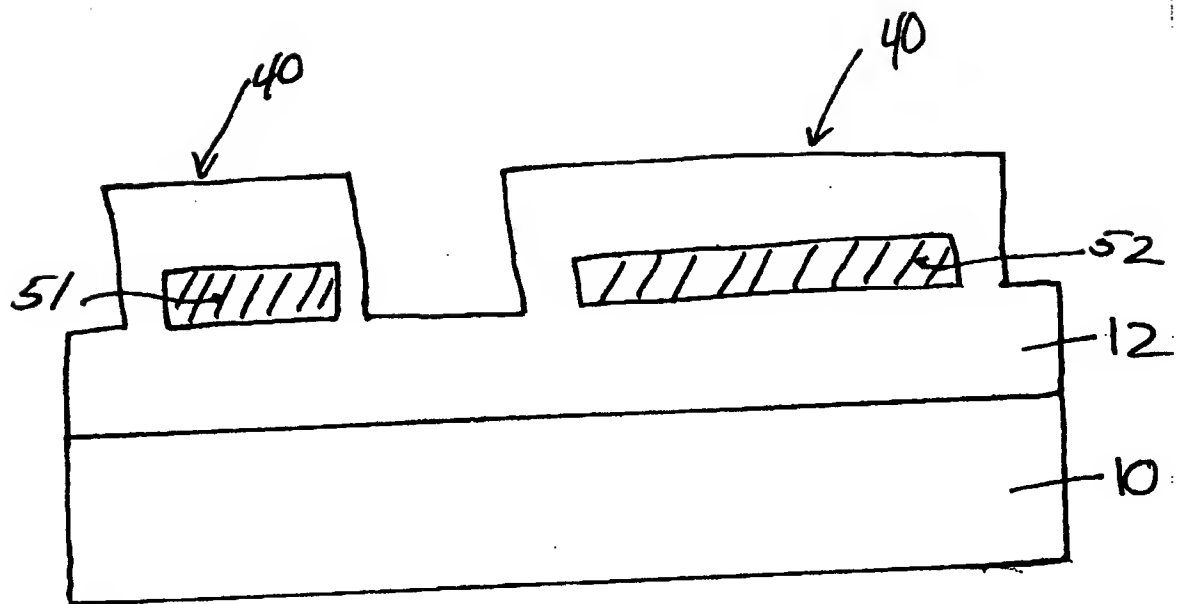
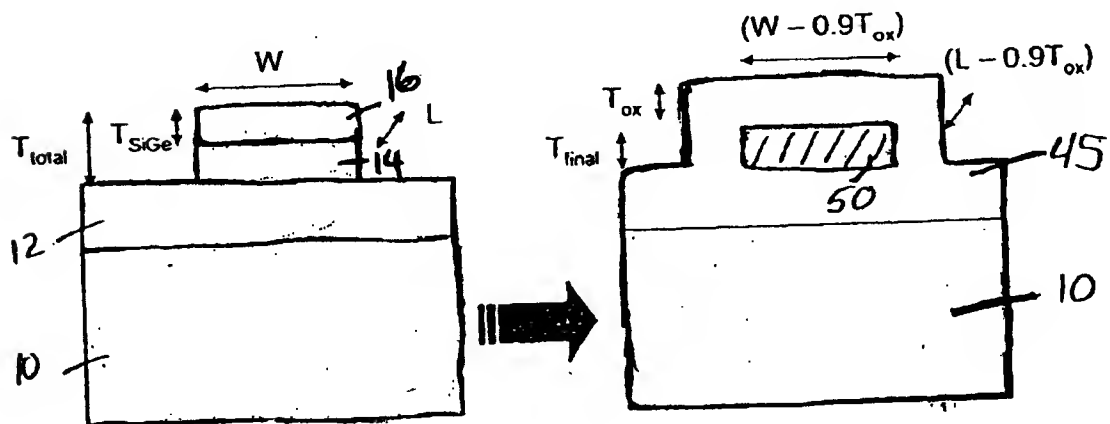


Fig. 3A



$$x_{\text{SGOI}} = \frac{(LWt_{\text{SiGe}}x_{\text{SiGe}})}{(L - 0.9t_{\text{ox}})(W - 0.9t_{\text{ox}})(t_{\text{Total}} - 0.45t_{\text{ox}})}$$

Fig. 3B

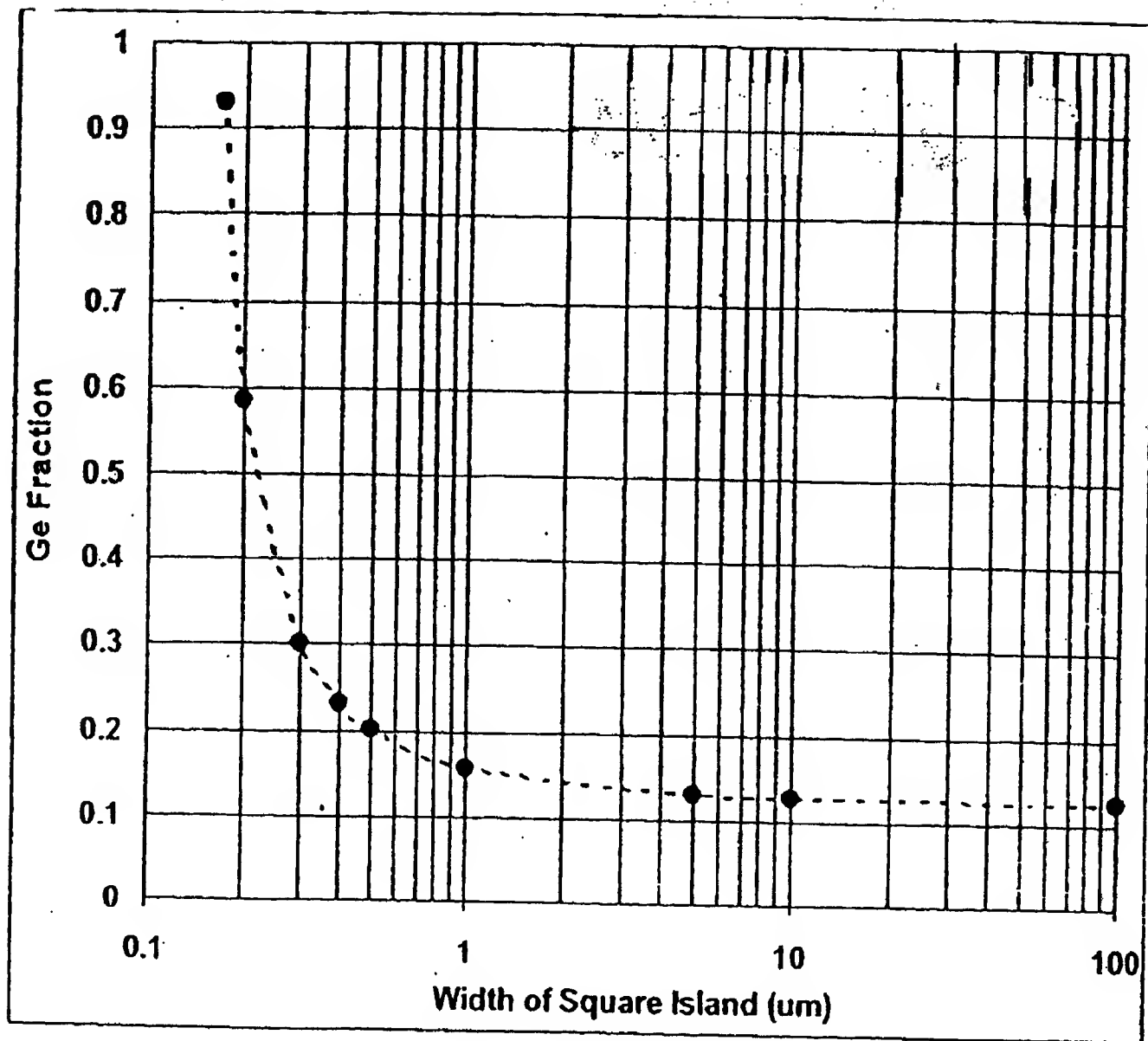


Fig. 4

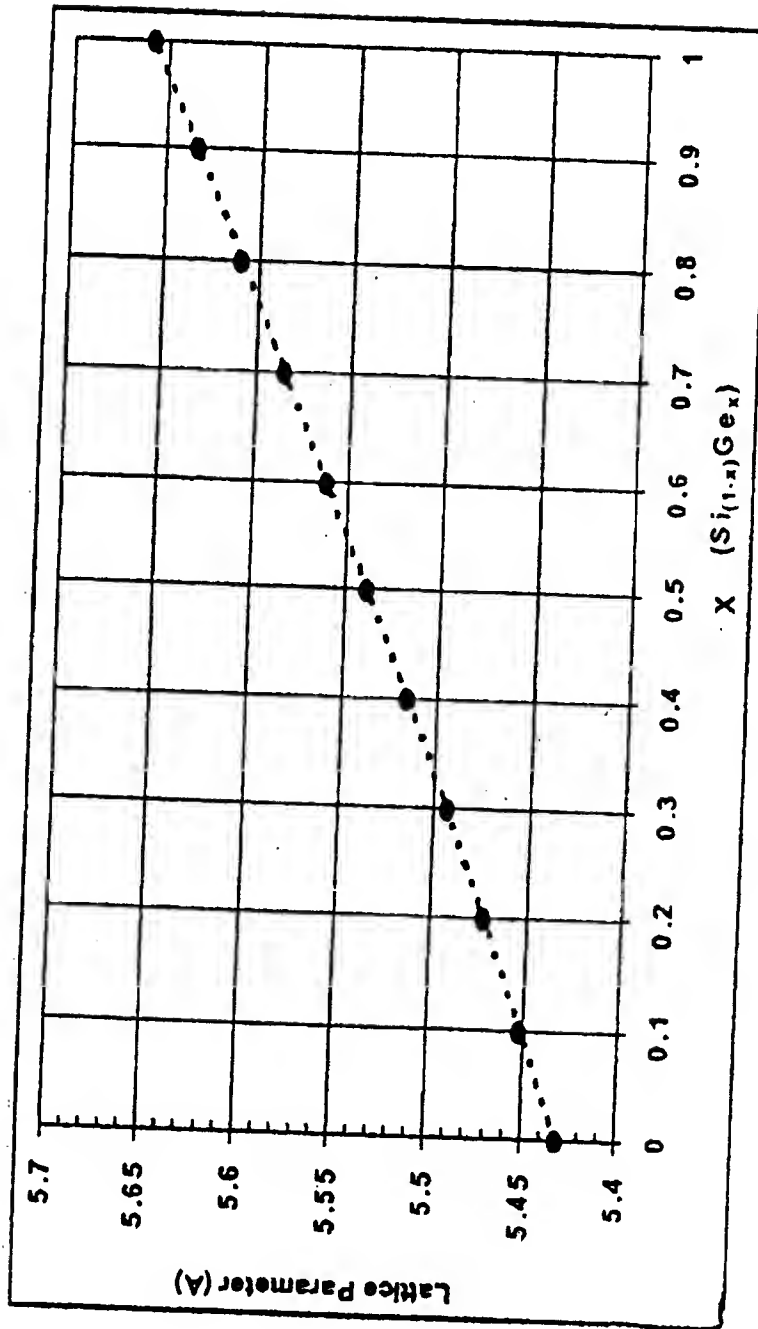


Fig. 5

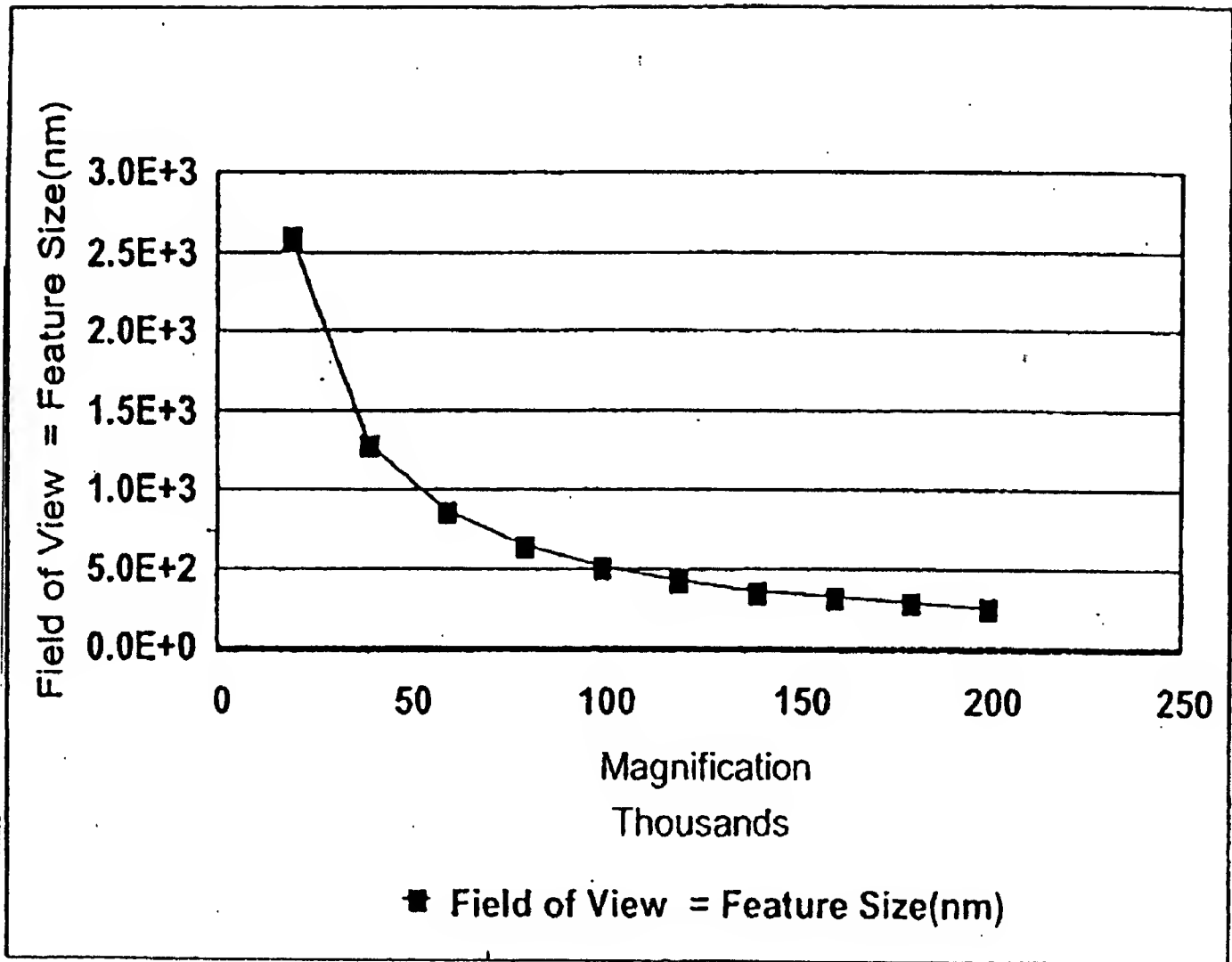


Fig. 6